

IN THE CLAIMS:

Please amend claims 7-9, 12-21, and 24 as follows. Please add new claim 25 as follows.

1. (Previously Presented) A method comprising:
providing quality information regarding quality of results of past measurements associated with location determination by at least two measurement devices;
storing said quality information and identity information associated with the at least two measurement devices; and
providing selection information for selection of measurement devices for future location determinations, based upon the stored quality and identity information,
wherein the providing selection information comprises self-learning based upon historical quality information associated with the measurement devices.

2. (Cancelled).

3. (Previously Presented) The method of claim 1, wherein the providing selection information comprises ranking possible measurement devices based upon historical quality information associated with measurement devices.

4. (Previously Presented) The method of claim 3, comprising selecting proper measurement devices based on the ranking.

5. (Original) The method of claim 1, comprising storing information identifying at least one cell of a mobile system.

6. (Previously Presented) A method comprising:
triggering a location process;
obtaining selection information for selection of at least one measurement device,
the selection information including information of measurement devices that have
historically provided measurement information that satisfies a predefined criteria;
selecting at least one measurement device; and
locating user equipment based on measurement information from the selected at
least one measurement device.

7. (Currently Amended) A method comprising:
storing historical data of various measurements in a mobile system;
selecting at least one measurement device based upon the historical data; and
self-learning based upon ~~selected~~ historical data associated with measurement
devices.

8. (Currently Amended) The method of claim 7, wherein the self-learning
comprises maintaining a self-learning table wherein look-up parameters are matched with
information regarding ~~the~~ success of measurements by measurement devices obtained
after a location attempt.

9. (Currently Amended) The method of claim 8, wherein the maintaining a self-
learning table comprises maintaining statistical historical information about which
measurement devices were able to receive transmissions from ~~the~~ a mobile user
equipment when at least one look-up parameter was observed.

10. (Previously Presented) The method of claim 8, comprising matching cell
identity and timing advance parameters and/or a location estimate with information

regarding the past success of measurements by measurement devices obtained after a location attempt.

11. (Previously Presented) The method of claim 8, comprising matching look-up parameters with information regarding the past success of measurements by location measurement units obtained after an uplink time difference of arrival location attempt.

12. (Currently Amended) A ~~location~~-system, comprising:
at least two measurement devices configured to provide measurement data for location determination;
a quality controller configured to provide quality information regarding quality of results of past measurements by the at least two measurement devices;
a storage configured to store quality information of measurements by the at least two measurement devices; and
a selection controller configured to provide selection information for selection of measurement devices for future location determinations based upon quality information that is stored in the storage,
wherein the ~~location~~-system is configured to self-learn based upon the quality information regarding the quality of results of past measurements by the at least two measurement devices.

13. (Currently Amended) The ~~location~~-system of claim 12, wherein the quality controller, the storage and the selection controller are provided in a location service element of a mobile system.

14. (Currently Amended) The ~~location~~-system of claim 12, comprising a location service element selector configured to select at least one measurement device based upon

selection information, the selection information including information of measurement devices that have historically provided measurement information that satisfies a predefined criteria, and to locate a user equipment based on measurement information from selected at least one measurement device.

15. (Currently Amended) The ~~location~~-system of claim 12, wherein the selection controller is provided in a user equipment.

16. (Currently Amended) ~~A network element~~ An apparatus for a mobile system,
~~the network element comprising:~~

a processor configured to process quality information associated with ~~the~~ quality of results of past location measurements by a plurality of measurement devices and to provide selection information for selection of at least one measurement device for future location determinations based upon the quality information,

wherein the processor is further configured to self-learn based upon the quality information associated with the quality of results of past location measurements.

17. (Currently Amended) The ~~network element~~ apparatus of claim 16, wherein the processor is configured to ~~provide deciding means for deciding~~ decide which location measurement units can be used to locate a particular mobile user equipment.

18. (Currently Amended) The ~~network element~~ apparatus of claim 16, comprising a serving mobile location center.

19. (Currently Amended) The ~~network element~~ apparatus of claim 16, comprising a ~~separate~~ network element connected to a serving mobile location center.

20. (Currently Amended) A user equipment ~~for a mobile system, the user equipment~~ comprising:

a processor configured to process quality information associated with the quality of results of past location measurements by a plurality of measurement devices of a first type and to provide selection information for selection of which of said plurality of measurement devices of a first type to use for future location determinations based upon the quality information,

wherein the processor is further configured to self-learn based upon the quality information associated with the quality of results of past location measurements.

21. (Currently Amended) A computer program comprising program code ~~means adapted~~ configured to perform ~~the following~~ a method when the program is run on a computer, the method comprising:

providing quality information of results of past location measurements by a plurality of measurement devices of a first type;

obtaining selection information for selection of at least one of said plurality of measurement devices of a first type to use for future location determinations based upon the quality information; and

self-learning based upon the quality information of the results of past location measurements by the measurement devices.

22. (Previously Presented) A system comprising:

providing means for providing quality information regarding quality of results of past measurements associated with location determination by at least two measurement devices;

storing means for storing said quality information and identity information associated with the at least two measurement devices; and

selecting means for providing selection information for selection of measurement devices for future location determinations based upon the stored quality and identity information,

wherein the selecting means comprises self-learning means for self-learning based upon historical quality information associated with the measurement devices.

23. (Previously Presented) A system comprising:

triggering means for triggering a location process;

obtaining means for obtaining selection information for selection of at least one measurement device, the selection information including information of measurement devices that have historically provided measurement information that satisfies a predefined criteria;

selecting means for selecting at least one measurement device; and

locating means for locating user equipment based on measurement information from the selected at least one measurement device.

24. (Currently Amended) A system comprising:

storing means for storing historical data of various measurements in a mobile system;

selecting means for selecting at least one measurement device based upon the historical data;

self-learning means for self-learning based upon ~~selected~~ historical data associated with measurement devices.

25. (New) An apparatus, comprising:

processing means for processing quality information associated with quality of results of past location measurements by a plurality of measurement devices;

means for providing selection information for selection of at least one measurement device for future location determinations based upon the quality information; and

means for self-learning based upon the quality information associated with the quality of results of past location measurements.